



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

12476

D3914-041
Job Sheet 189666



Part No: D3914-041

Job Qty: 1 pcs

Part Name: Long Basket Lid Assembly (350)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/29/19

Job Tracking No:

Due Date: 3/1/19

Created By: Dara Macdonald

Type: SOLD

Description:

Note: DWG D4020 REV A SHEET 2, D3914 REV D SHEETS 1,2,3 IPP Rev:A new issue DD 10.03.19 verified by:EC
IPP Rev:B as per dwg revB DD 10.08.18 verified by:EC IPP Rev:C 13.03.14 AS PER DWG REV.pc1 DD
VERF:JLM IPP REV:D 13.06.21 DWG REV.C DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Large Fab - Basket - 1	1 pcs	3/1/19		0.00	6.67	Large Fab - 1	
							Large Fab - 10	
							Large Fab - 2	
							Large Fab - 3	DAS
							Large Fab - 4	24
							Large Fab - 5	9-89
							Large Fab - 6	
							Large Fab - 7	
							Large Fab - 8	3-3
110	QC 9	1 pcs	3/1/19		0.00	0.00	QC 9 - 10	
							QC 9 - 18	
							QC 9 - 24	
							QC 9 - 43	DAS
							QC 9 - 50	43
							QC 9 - 9	9-89
120	QC 5	1 pcs	3/1/19		0.00	0.00	QC 5 - 10	
							QC 5 - 12	
							QC 5 - 17	
							QC 5 - 18	
							QC 5 - 19	
							QC 5 - 22	
							QC 5 - 24	
							QC 5 - 3	
							QC 5 - 38	
							QC 5 - 42	
							QC 5 - 43	DAS
							QC 5 - 49	43
							QC 5 - 51	9-89
							QC 5 - 58	

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					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
130 Powdercoat - 4 Black Sand - B4B	1 pcs	3/1/19	0.00 0.40		Powdercoat - 1 - B4B	
					Powdercoat - 2 - B4B	3EB19-03-01
					Powdercoat - 3 - B4B	
					Powdercoat - 4 - B4B	
135 QC 3	1 pcs	3/1/19	0.00 0.00		QC 3 - 10	
					QC 3 - 13	
					QC 3 - 15	ML 19-3-4
					QC 3 - 17	
					QC 3 - 18	
					QC 3 - 2	
					QC 3 - 26	
					QC 3 - 28	
					QC 3 - 3	
					QC 3 - 30	
					QC 3 - 34	
					QC 3 - 36	
					QC 3 - 38	
					QC 3 - 41	
					QC 3 - 51	
					QC 3 - 58	
					QC 3 - 59	
					QC 3 - 6	
					QC 3 - 68	
					QC 3 - 9	
140 Handfinish - 3-1- WingWalk-B4B	1 pcs	3/1/19	0.00 0.80		Handfinish - 3 - 1 - B4B	ML 19-3-4
					Handfinish - 3 - 2 - B4B	
					Handfinish - 3 - 3 - B4B	
					Handfinish - 3 - 4 - B4B	
					Handfinish - 3 - 5 - B4B	
150 QC 3	1 pcs	3/1/19	0.00 0.00		QC 3 - 10	
					QC 3 - 13	
					QC 3 - 15	
					QC 3 - 17	
					QC 3 - 18	
					QC 3 - 2	
					QC 3 - 26	
					QC 3 - 28	
					QC 3 - 3	
					QC 3 - 30	
					QC 3 - 34	
					QC 3 - 36	
					QC 3 - 38	
					QC 3 - 41	
					QC 3 - 51	
					QC 3 - 58	
					QC 3 - 59	
					QC 3 - 6	
					QC 3 - 68	
					QC 3 - 9	
160 Packaging 3-1 - Stock - B4B	1 pcs	3/1/19	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	

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					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	DAS
					Packaging 3 - 35 - B4B	21
					Packaging 3 - 36 - B4B	9-60
170 QC 21 - SA	1 pcs	3/1/19	0.00 0.00		QC 21 - SA - 21	DAS
					QC 21 - SA - 70	21
					QC 21 - SA - 53	9-60

MAR 04 2019

MAR 04 2019

Part Op 100 - (Weld per dwg A/R S.S. rod Batch: _____ - 1- assemble ribs , weld as per dwg D3914 using DT9607A 2- weld Descriptions: hinge (3) and Mounting brackets as per dwg D3914 ***Visual inspect before welding mesh*** 3- tack weld mesh on basket as per dwg D3914 ***Cut out mesh where label plate goes in center off basket lid as per dwg D4020-5. Make sure to place mesh correctly on lid, check with label plate before tacking mesh***

110 - QC9- Inspect visual per QSI004- Fusion Welds

120 - QC5- Inspect part completeness to step on W/O

130 - Black Sandtex(Ref:4.3.5.7) per QSI005 4.3 *** mask sides of hinge prior to powdercoat***

135 - QC3- Inspect Part Finish

140 - Wing Walk as per dwg QSI005 4.4 Batch _____ 1- Mask data plate and apply wing walk on outside surface of mesh as per dwg 2- Install label as per dwg ***Mask label plate to size of label, use scotchbrite red pad to lightly sand area for label, apply label ***

150 - QC3- Inspect Part Finish

160 - Identify as per dwg & Stock Location: _____

170 - QC21- Final Inspection - Work Order Release

M138940 START: 10:00 TEMP: 320° FINISH: 10:30

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2581	Mounting Bracket ✓	2 pcs (2 ea)	100-Large Fab - Basket - 1	S146653
D3914-1	Rib	2 pcs (2 ea)	100-Large Fab - Basket - 1	J155130
D3914-7	Rib ✓	2 pcs (2 ea)	100-Large Fab - Basket - 1	S154634
D4016-3	Hinge Half, Lid ✓	3 pcs (3 ea)	100-Large Fab - Basket - 1	S110937
D4018-5	Rib ✓	9 pcs (9 ea)	100-Large Fab - Basket - 1	S150692
D4020-5	Mesh (350 Basket Long, Lid) ✓	1 pcs (1 ea)	100-Large Fab - Basket - 1	S153498
D4021-3	Data Plate	1 pcs (1 ea)	100-Large Fab - Basket - 1	J154112
D4035-043	Lid Rib Assembly, Aft (350 Basket) ✓	2 pcs (2 ea)	100-Large Fab - Basket - 1	S154733

Master UNIT = 008272

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Large Fab - Basket - 1	D2581	2	75	0
	D3914-1	2	6	0
	D3914-7	2	8	0
	D4016-3	3	150	0
	D4018-5	9	63	0
	D4020-5	1	2	0
	D4021-3	1	4	0
	D4035-043	2	8	0
Part Specifications				
Specifications could not be found.				

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Container No: S156380



Part: D3914-041

Job No: 189666

Serial No/Batch: S156380

Revision: A/D

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 02/25/19

Order 12476



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3914-041 Job Sheet 189666



Part No: D3914-041

Job Qty: 1 ea

Part Name: Long Basket Lid Assembly (350)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/29/19

Job Tracking No:

Due Date: 3/1/19

Created By: Dara Macdonald

Type: SOLD

Description:

Note: DWG D4020 REV A SHEET 2, D3914 REV D SHEETS 1,2,3 IPP Rev:A new issue DD 10.03.19 verified by:EC
IPP Rev:B as per dwg revB DD 10.08.18 verified by:EC IPP Rev:C 13.03.14 AS PER DWG REV.pc1 DD
VERF:JLM IPP REV:D 13.06.21 DWG REV.C DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	3/1/19	3/1/19	0.00	0.00	Start Up Large Fab-5		
100	Large Fab	1 pcs	3/1/19	3/1/19	0.00	6.67	Large Fab 1		
110	QC	1 pcs	3/1/19	3/1/19	0.00	0.00	QC9		
120	QC	1 pcs	3/1/19	3/1/19	0.00	0.00	QC5		
130	Powdercoat	1 pcs	3/1/19	3/1/19	0.00	0.40	Powdercoat4		
135	QC	1 pcs	3/1/19	3/1/19	0.00	0.00	QC3		
140	HandFinish	1 pcs	3/1/19	3/1/19	0.00	0.80	HandFinish3		
150	QC	1 pcs	3/1/19	3/1/19	0.00	0.00	QC3		
160	Packaging	1 pcs	3/1/19	3/1/19	0.00	0.00	Packaging3-2		
170	QC21-SA	1 Ea	3/1/19	3/1/19	0.00	0.00	QC21		

Part Op 100 - 1- assemble ribs , weld as per dwg D3914 using DT9607A 2- weld hinge (3) and Mounting brackets as per dwg
Descriptions: D3914 ***Visual inspect before welding mesh*** 3- tack weld mesh on basket as per dwg D3914 ***Cut out mesh where
label plate goes in center off basket lid as per dwg D4020-5. Make sure to place mesh correctly on lid, check with label
plate before tacking mesh***

130 - *** mask sides of hinge prior to powdercoat***

140 - 1- Mask data plate and apply wing walk on outside surface of mesh as per dwg 2- Install label as per dwg ***Mask
label plate to size of label, use scotchbrite red pad to lightly sand area for label, apply label ***

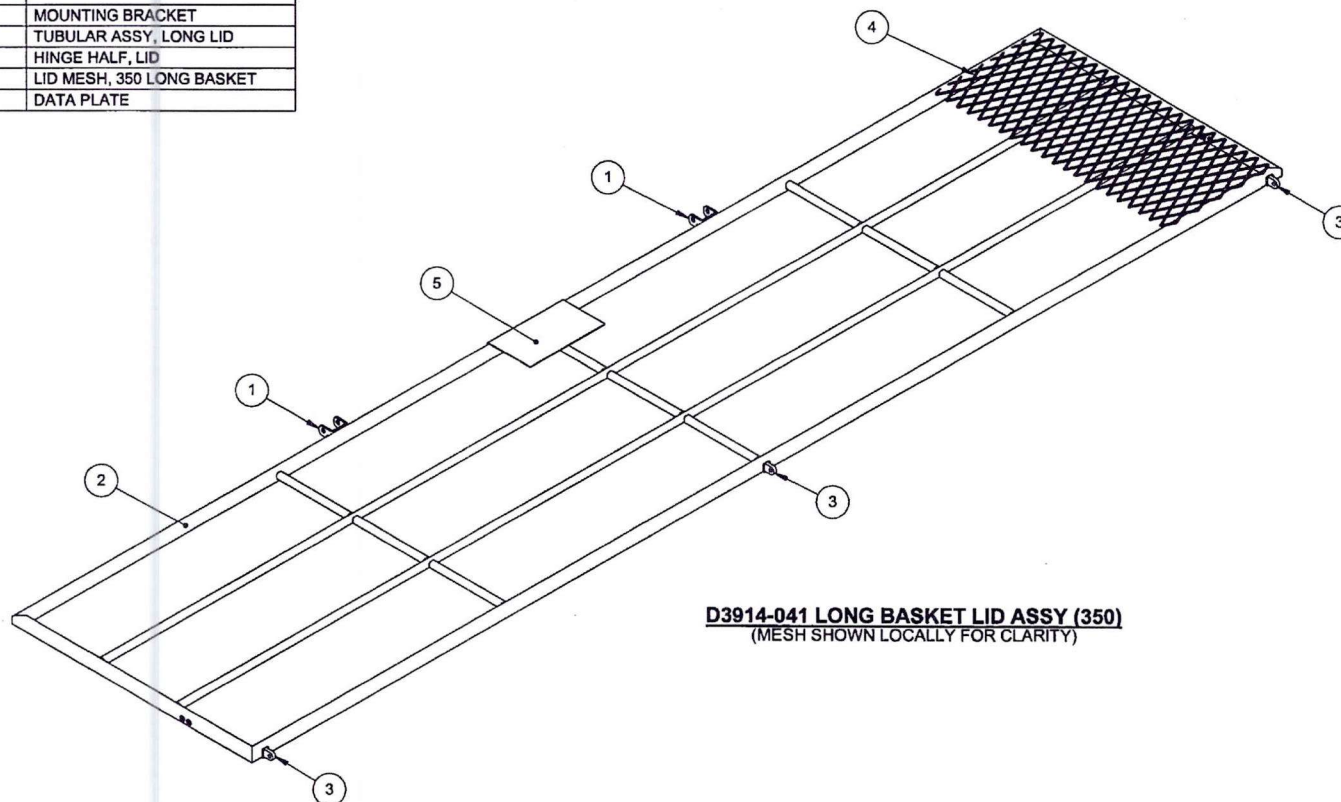
Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2581	Mounting Bracket	2 pcs (2 ea)	90-Start up Operation	
D3914-1	Rib	2 pcs (2 ea)	90-Start up Operation	
D3914-7	Rib	2 pcs (2 ea)	90-Start up Operation	
D4016-3	Hinge Half, Lid	3 pcs (3 ea)	90-Start up Operation	
D4018-5	Rib	9 pcs (9 ea)	90-Start up Operation	
D4020-5	Mesh (350 Basket Long, Lid)	1 pcs (1 ea)	90-Start up Operation	
D4021-3	Data Plate	1 pcs (1 ea)	90-Start up Operation	
D4035-043	Lid Rib Assembly, Aft (350 Basket)	2 pcs (2 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D2581	2	87	0
	D3914-1	2	8	0
	D3914-7	2	12	0
	D4016-3	3	159	0
	D4018-5	9	51	0
	D4020-5	1	4	0
	D4021-3	1	6	0
	D4035-043	2	14	0
Part Specifications				
Specifications could not be found.				

ITEM	QTY -041	P/N	DESCRIPTION
	X	D3914-041	LONG BASKET LID ASSY (350)
1	2	D2581	MOUNTING BRACKET
2	1	D3914-101	TUBULAR ASSY, LONG LID
3	3	D4016-3	HINGE HALF, LID
4	1	D4020-5	LID MESH, 350 LONG BASKET
5	1	D4021-3	DATA PLATE



D3914-041 LONG BASKET LID ASSY (350)
(MESH SHOWN LOCALLY FOR CLARITY)

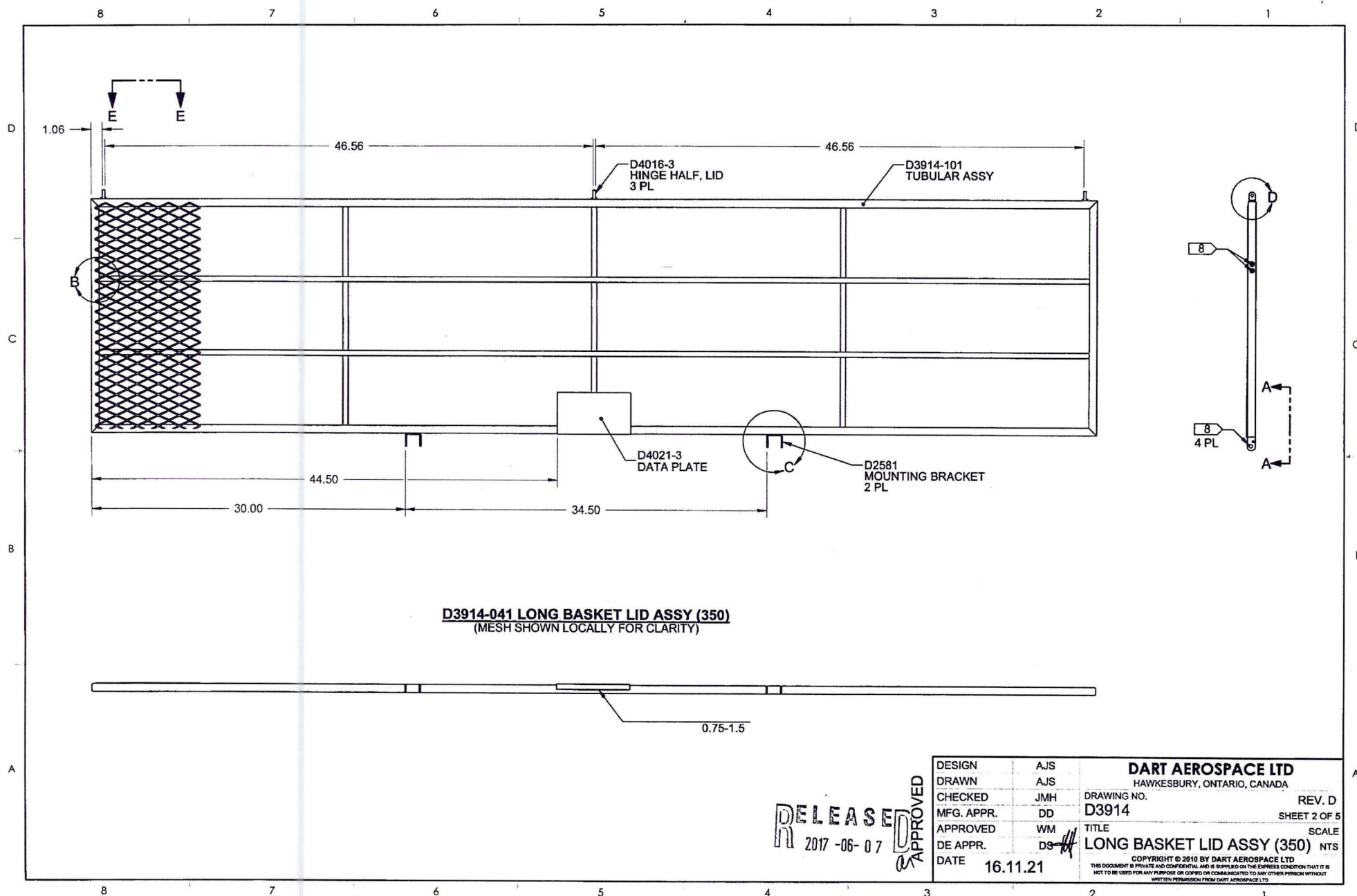
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT BLACK SANDTEX (4.3.5.7) PER DART QSI 005 4.3
APPLY BLACK ANTI-SKID PAINT TO OUTSIDE SURFACE OF MESH PER DART QSI 005 4.4
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: SCRIBE DART P/N AND B/N USING 0.13 (MINIMUM) HIGH LETTERING PER QSI 044 6.4
- 7) WEIGHT: 22.35 lbs APPROX
- 8) MASK HOLES PRIOR TO FINISHING
- 9) WELD PER DART QSI 004
- 10) MASK THIS AREA PRIOR TO FINISH

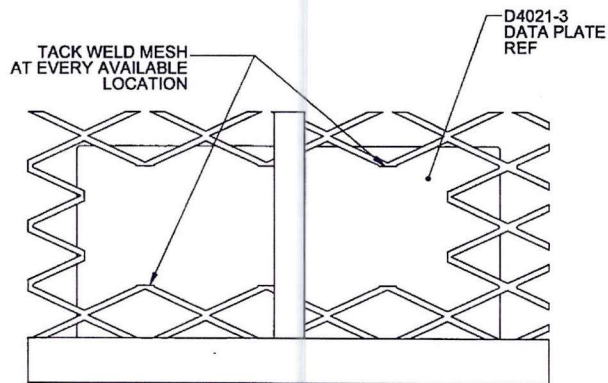
D	SHEET 1: UPDATED NOTE 6 ADDED NOTE 10. D2728-3 DELETED. SHEET 2: SECTION AND VIEW LETTERS UPDATED. ADDED VIEW E-E. (PAR15-418)	AJS	16.11.21
C	REFER TO SHEET 3 D4035-041 DELETED AND REPLACED BY D4035-043. REASON: PROPARM NO LONGER OFFERED.	AJS	13.03.13
B	REMOVED D4086-210, UPDATED DETAIL F ACCORDINGLY (A3-2). REASON: NOW INSTALLED BY OPERATORS PER D350-607-2 REV. C AND D350-607-3 REV. A.	MB	10.08.05
A	NEW ISSUE	JPH	10.03.16
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	JMH	DRAWING NO.	REV. D
MFG. APPR.	DD	D3914	SHEET 1 OF 5
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	LONG BASKET LID ASSY (350)	NTS
DATE	16.11.21	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

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2017-06-07
ECN 17-580

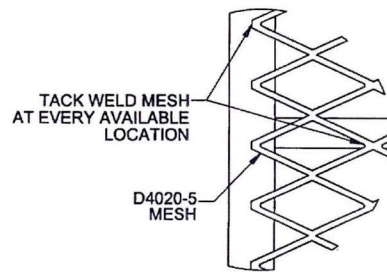
APPROVED



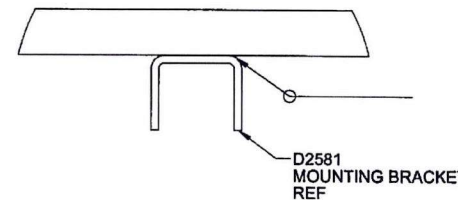
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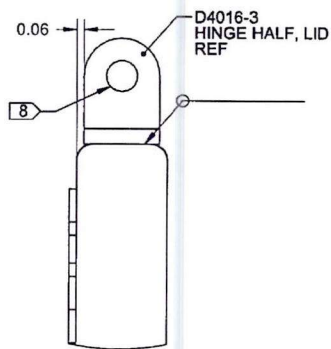
VIEW A-A
SCALE 4X



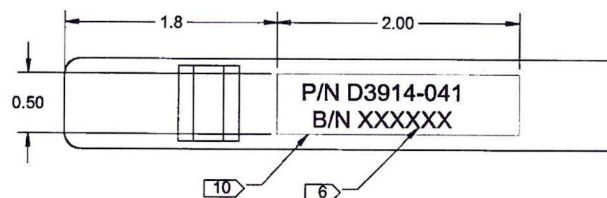
DETAIL B
SCALE 4X



DETAIL C
SCALE 4X
2 PL



DETAIL D
SCALE 8X
3 PL



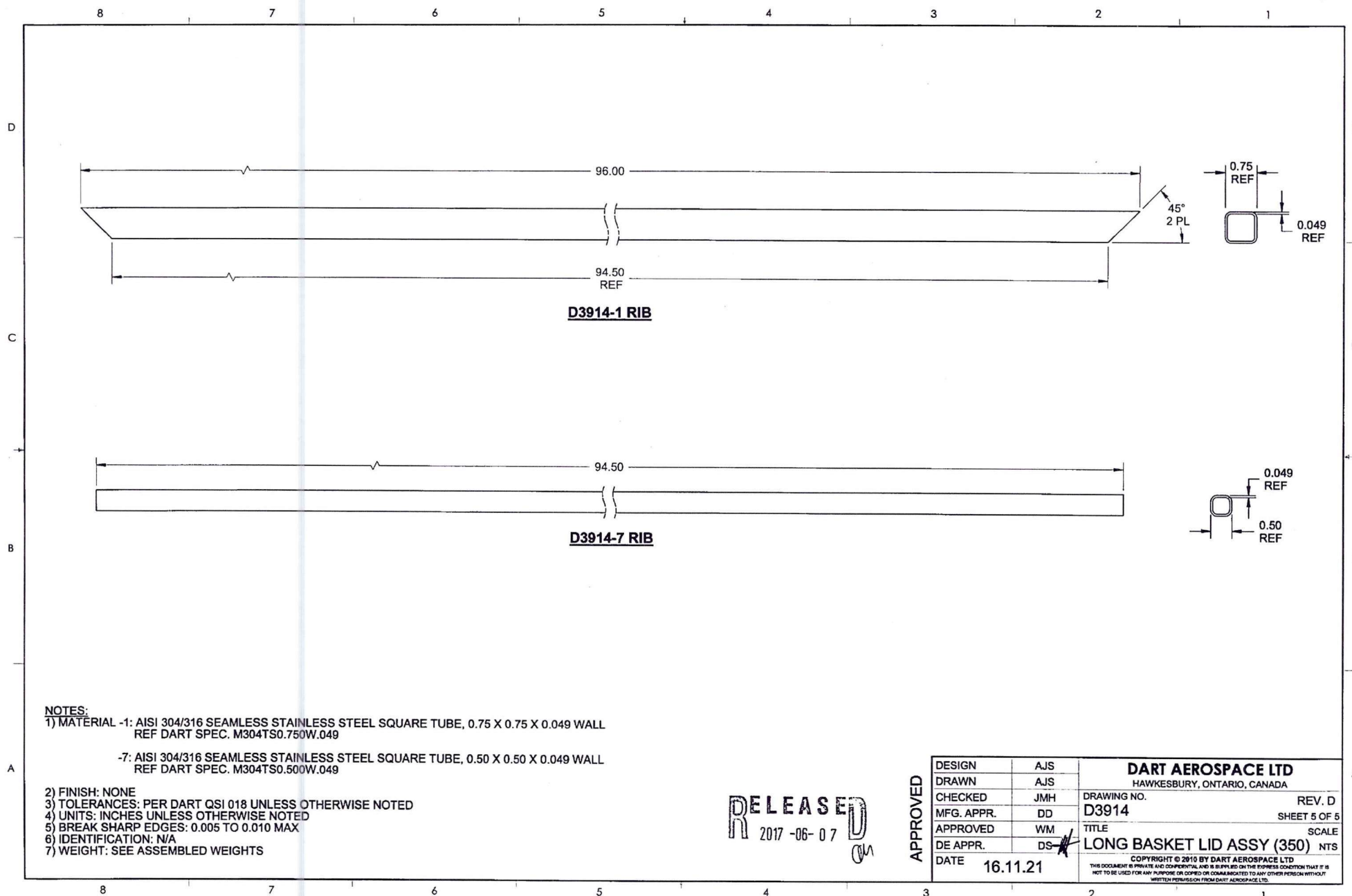
VIEW E-E
SCALE 8X

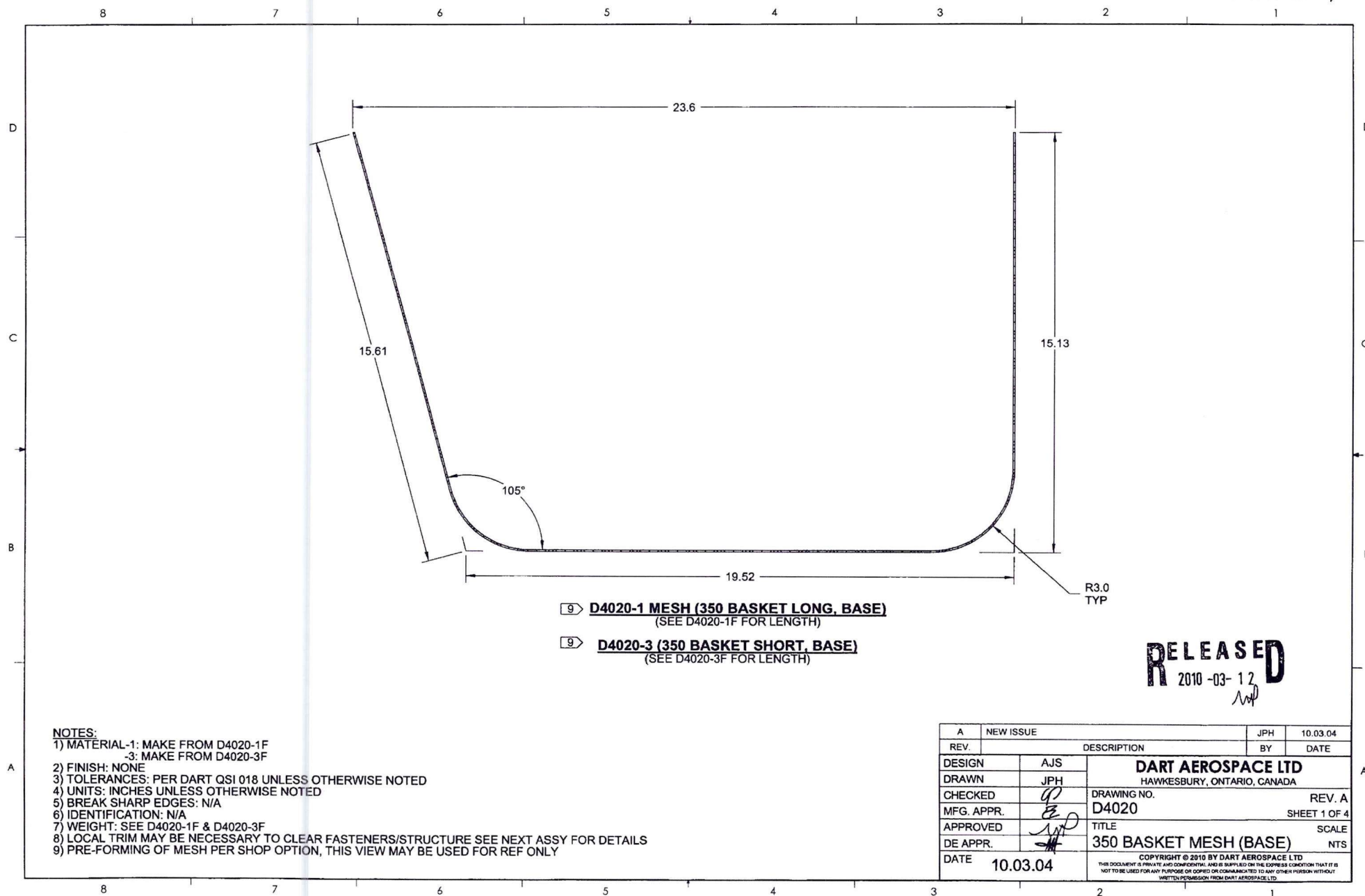
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DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JMH	DRAWING NO.	REV. D
MFG. APPR.	DD	D3914	SHEET 3 OF 5
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	LONG BASKET LID ASSY (350)	NTS
DATE	16.11.21	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

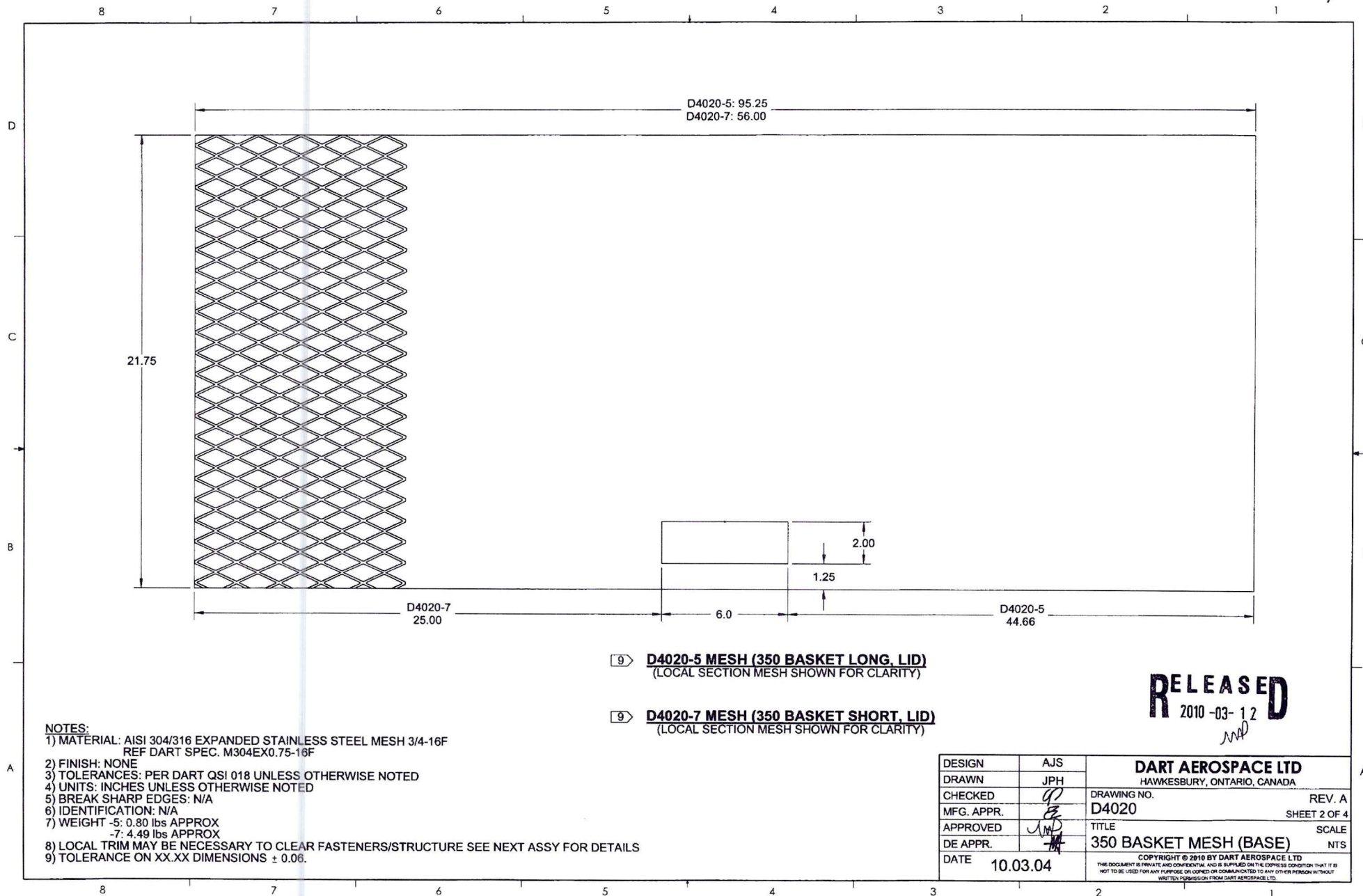
RELEASED
2017-06-07

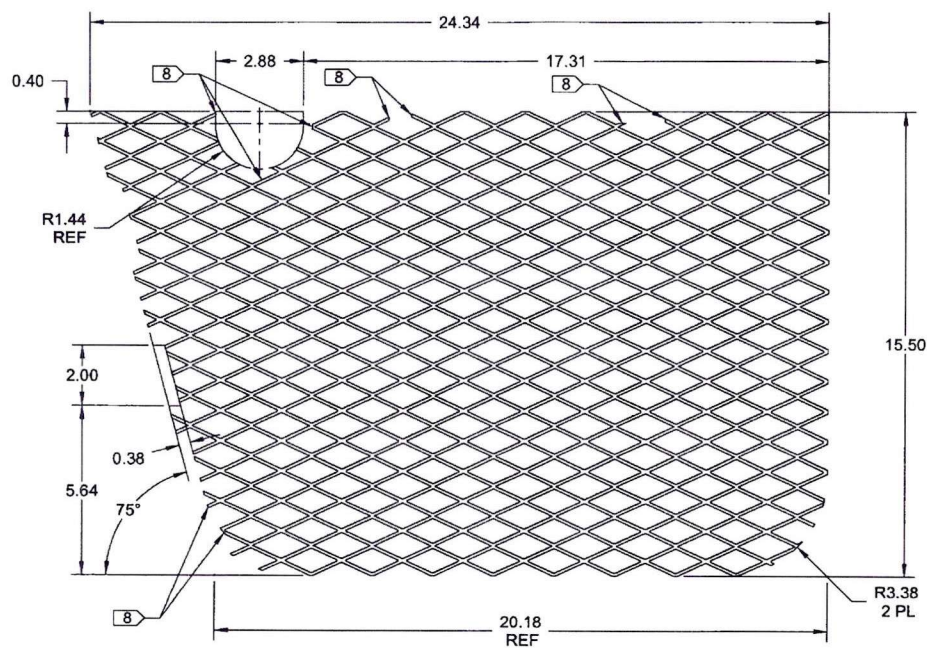
APPROVED

8 7 6 5 4 3 2 1









9) **D4020-11 END MESH, BASKET**

NOTES:

- 1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH 3/4-16F
REF DART SPEC. M304EX0.75-16F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.22 lbs
- 8) LOCAL TRIM MAY BE NECESSARY TO CLEAR FASTENERS/STRUCTURE SEE NEXT ASSY FOR DETAILS
- 9) TOLERANCE ON XX.XX DIMENSIONS ± 0.06 .

RELEASED
2010-03-12
JND

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4020	SHEET 3 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	350 BASKET MESH (BASE)	NTS
DATE	10.03.04	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					